ABSTRACT OF THE DISCLOSURE

An auto anti-thief system employing a bluetooth technique is provided. The anti-thief system includes a system core processor, a bluetooth communication module, an anti-thief alarm control circuit, an indicator control circuit, a door lock initiator control circuit and a power voltage regulator circuit. When cooperating the present invention with the bluetooth communication module built in the mobile phone, it can reduce the loading of carrying the remote controller for the user. Moreover, through the frequency hopping used by the wireless channel of bluetooth, it will not be interfered easily. Furthermore, utilizing 128 bits to protect the encoding method, the security is more increased. Therefore, the present invention breaks through the unidirectional transmission employed by the conventional remote controller. Thus, after confirming the identification between the bluetooth mobile phone of the user and the anti-thief system through the bi-directional transmission and data transmission, the door lock can be immediately relieved and the user can easily and conveniently drive the car.